PATENT COOPERATION TREATY



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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INTERNAT	IONAL PRELIMINA		ATION REPORT		
	(PCT Article 36				
Applicant's or agent's file reference PC4009RIK	FOR FURTHER ACT	ION Preliminary	ication of Transmittal of International Examination Report (Form PCT/IPEA/416)		
nternational application No. PCT/JP2003/009563	International filing date (28 July 2003 (2		Priority date (day/month/year) 30 July 2002 (30.07.2002)		
International Patent Classification (IPC) or C12N 15/09, C12P 21/00, C12	national classification and I N 5/06, C07K 16/00	PC			
Applicant	RIKE	N			
and is transmitted to the applicant 2. This REPORT consists of a total of the applicant of	Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Lack of unity of invention Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement Certain documents cited Certain defects in the international application Certain observations on the international application				
Date of submission of the demand		Date of completion	on of this report		
21 November 2003 (2	21.11.2003)	2	23 March 2004 (23.03.2004)		
Name and mailing address of the IPEA	/IP	Authorized office	er		
Facsimile No.		Telephone No.			

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2003/009563

[. Basis	of the report		
1. With	regard to the eleme	nts of the international application:*	ŀ
\boxtimes	the international a	pplication as originally filed	i
\sqcap	the description:		
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	pages	, file	d with the demand
	pages	, filed with the letter of	
	the claims:		
لــا	nages		as originally filed
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	pages	, nie	d with the demand
	pages	, filed with the letter of	
	the drawings:		
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لــا	•	s part of the description.	, as originally filed
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the The	international applicates elements were as the language of the language of the language of or 55.3). In regard to any liminary examination contained in the filed together we furnished subsections.	guage, all the elements marked above were available or furnished to this Authority in the ation was filed, unless otherwise indicated under this item. vailable or furnished to this Authority in the following language a translation furnished for the purposes of international search (under Rule 23.1(b)). publication of the international application (under Rule 48.3(b)). the translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)) and the translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)). The translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)). The translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)). The translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)). The translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)). The translation furnished for the purposes of international preliminary examination (under Rule 48.3(b)).	which is:
		quently to this Authority in computer readable form.	
		that the subsequently furnished written sequence listing does not go beyond the plication as filed has been furnished.	disclosure in the
	The statement been furnished.	that the information recorded in computer readable form is identical to the written s	equence listing has
4. [the described the claim	ts have resulted in the cancellation of: ription, pages us, Nos rings, sheets/fig	
5.	This report has beyond the discl	been established as if (some of) the amendments had not been made, since they have be osure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**	een considered to go
in an	this report as "or d 70.17).	hich have been furnished to the receiving Office in response to an invitation under Artic iginally filed" and are not annexed to this report since they do not contain amen	amenis (Ruie 70.10
** An	y replacement sheel	containing such amendments must be referred to under item 1 and annexed to this repor	<i>t</i>

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/JP 03/09563

٧.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
	citations and explanations supporting such statement

1.	Statement			
	Novelty (N)	Claims	1-11	YES
		Claims		NO
	Inventive step (IS)	Claims	1-11	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-11	YES
		Claims		NO

2. Citations and explanations

Document 1: EMBO J. 1990, Vol. 9, No. 3, pages 921-927

Document 2: Nature, 2001, Vol. 412, No. 6850, pages 921-

926

Document 3: J. Exp. Med., 2001, Vol. 193, No. 7, pages

873-880

Claims 1-11

The inventions that are set forth in claims 1-11 are novel and involve an inventive step in relation to documents 1-3 cited in the international search report.

The feature wherein it is possible to construct a variety of diverse antibodies by relaxing the chromatin structures in the chromosomes of an immunocyte in order to promote the homologous recombination of DNA is not disclosed in any of the documents that are cited in the international search report, and cannot be considered to be obvious to a person skilled in the art of this technical field.